

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Lim et al.

GROUP: 2874

SERIAL NO: 09/996,462

EXAMINER: Unknown

FILED: November 28, 2001

FOR: THREE DIMENSIONAL HIGH TRANSMISSION CAVITY DEVICES
FOR COMPACT HIGH INDEX CONTRAST BENDS SPLITTERS
AND RESONATORS

Box Missing Parts
Assistant Commissioner of Patents
Washington, D.C. 20231

COPY OF PAPERS
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Sir:

COMPLETION OF FILING REQUIREMENTS

In response to the Notice to File Missing Parts of Nonprovisional Application mailed on December 19, 2001, a copy of which is enclosed, we enclose herewith the Declaration and Power of Attorney and two (2) sheets of formal drawings. Enclosed is a check for \$65.00 to cover the surcharge.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further extension and/or fee that is required.

Respectfully submitted,



Matthew E. Connors

Registration No. 33,298

Samuels, Gauthier & Stevens LLP

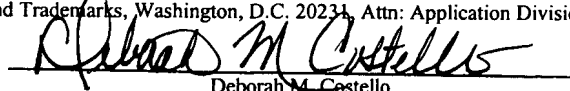
225 Franklin Street, Suite 3300

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Extension: 112

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, Attn: Application Division.


Deborah M. Costello

Date

4/16/02

096462-043000



APR 23 2002

UNITED STATES PATENT AND TRADEMARK OFFICE

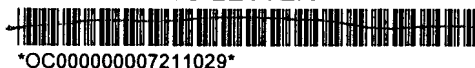
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/996,462	11/28/2001	Desmond R. Lim	MIT9066

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Suite 3300
225 Franklin Street
Boston, MA 02110COPY OF PAPERS
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CONFIRMATION NO. 2424

FORMALITIES LETTER



OC000000007211029

Date Mailed: 12/19/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

/24/2002 NROCHA1 00000032 09996462

FC:205 65.00 OP

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

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PART 2 - COPY TO BE RETURNED WITH RESPONSE

Figure 1 consists of 12 histograms arranged in a single row, labeled x_1 through x_{12} from left to right. Each histogram shows the frequency of non-zero elements in the vector x_k . The x-axis for each histogram is labeled x_k and ranges from 0 to 10. The y-axis is labeled 'Frequency' and ranges from 0 to 10. The distributions are roughly bell-shaped and centered around 5-6 non-zero elements.